ABSTRACT OF THE DISCLOSURE

LIVE MEMORY SNAPSHOT

A live snapshot of a first storage that is logically subdivided into a plurality of blocks is generated in a running computer system a manner to minimise the impact on the running of the computer system. On initiating the snapshot, the content of a portion of the first storage that includes at least one block is copying to snapshot storage and a copied indication for each copied block is recording in a copy map. In response to any write request to a block for which no copied indication has been recorded in the copy map, the content of the block is copied to the snapshot storage, prior to writing to that block. A copied indication for the copied block is also recorded in the copy map. The content of other blocks for which no copied indication has been recorded in the copy map is successively copied to the snapshot storage. A copied indication for each copied block is also recorded in the copy map. This process then continues until the content of all of the plurality of blocks has been copied to the snapshot storage. The successive copying can be performed as a background task.